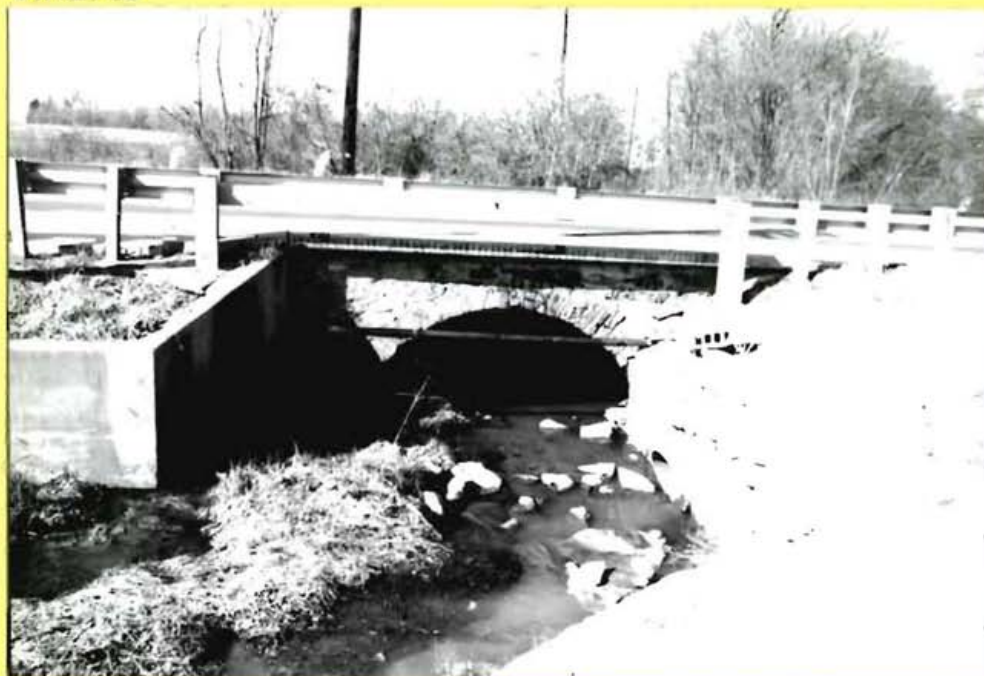


10. NAME(S) OF STRUCTURE
State Bridge Number 39C

11. PHOTOS (W/ FILM ROLL & FRAME NO.) AND SKETCH MAP OF LOCATION
31A:29-33



31A:30

Mack, Warren W. "A History of Motor Highways in Delaware", in Reed, Henry Clay, Delaware: A History of the First State, vol.2, pp.535-550 (NY: Lewis Historical Publishing Co., 1947).

Delaware State Program. Delaware State Highways; The Story of Roads in Delaware.... [Newark, Delaware: Press of Kells, 1919].

Federal Writers' Project. Delaware: A Guide to the First State. (New York: Viking Press, 1938).

Hancock, Harold Bell. A History of Kent County, Delaware. (Dover, Del.: Dover Litho Printing Co., 1976).

Delaware State Archives. Kent County Road Records 1875-1940.

Delaware DOT records: Annual Reports; contract files.

12. SOURCES

13. INVENTORIED BY:

AFFILIATION

DATE

P.A.C. Spero & Company with Kidde Consultants for Delaware DOT

April-November 1988

HABS/HAER INVENTORY

See "HABS/HAER Inventory Guidelines" before filling out this card.

1. NAME(S) OF STRUCTURE

State Bridge Number 39C

2. LOCATION

Route 6 over Duck Creek
Smyrna, Kent County, Delaware

3. DATE(S) OF CONSTRUCTION

C. 1900-1925

4. USE (ORIGINAL/CURRENT)

Vehicular

5. RATING

SA

6. CONDITION

Fair: Needs repointing.

State Highway Bridge 39C is a single span stone arch bridge combining vehicular and railroad use. The bridge carries two lanes of traffic, a sidewalk on the south and, on the north elevation, a single railroad track. The section supporting the railroad track is a concrete pipe culvert with a concrete headwall. The south elevation is an arch of uncoursed rubble. The east wing wall is straight and of stone, semicoursed rubble, while the west wing wall is U-shaped and constructed of concrete. Built on a skew, the arch has a clear span of 11'-0" and a rise of 4'-6".

Delaware Department of Transportation records do not document the date of construction of Bridge 39C. Original drawings are not available.

Delaware Department of Transportation photographic archives exist for extant New Castle County bridges of the 1920s, illustrating that there were approximately 20 remaining stone bridges in that county. No such records exist for Kent County, and it is not known if early stone bridges were built for Kent County highways. Bridge 39C is the only stone arch highway bridge surveyed in Kent County. Although alterations have obscured some of this bridge, the configuration of the body of the bridge is visible, and it is considered significant as one of four remaining historic stone arch roadway bridges in Delaware. Its construction date is undocumented but it appears to have been built by the first quarter of the 20th century, reflecting the development of the road system in Kent and Sussex Counties.